BROWNING®

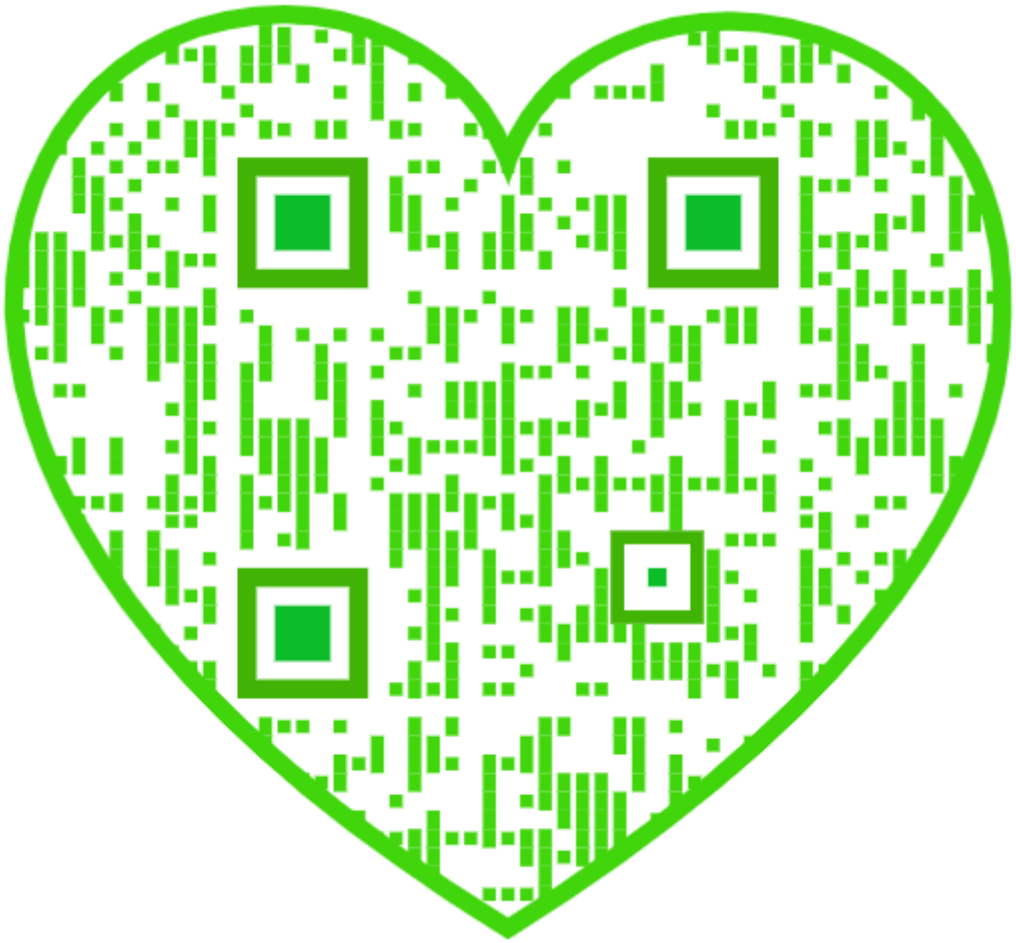
The Best There Is.

OWNER'S MANUAL

VERY IMPORTANT:

Save This Booklet. *Carefully read this entire manual before using your new Browning firearm.*

GOLD SEMI-AUTO 10 GA.



NEW GUN OWNERS RECORD

KEEP THIS RECORD FOR FUTURE REFERENCE

Browning Model _____

Serial Number _____

Gauge / Caliber _____

Purchase Price _____

Purchased From _____

Date of Purchase _____

Thank you for choosing a Browning Gold shotgun.

The Gold semi-auto 10 gauge incorporates the best of Browning craftsmanship, design and technology. The 10 gauge offers the waterfowler increased steel shot capacity and the turkey hunter superior knock-down power. With a reasonable amount of care your Gold semi-auto shotgun should give you many years of dependable, enjoyable service. Please feel free to write us immediately if you have any observations regarding its performance and operation.

Thank You.

BROWNING®

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GOLD SEMI-AUTO 10 GA.

You Are Responsible For Firearms Safety

As a gun owner, you accept a set of demanding responsibilities. How seriously you take these responsibilities can be the difference between life and death. Failure to follow any of these instructions can cause extensive damage to your gun and/or possible serious injury or death to yourself and others.

THERE IS NO EXCUSE FOR CARELESS OR ABUSIVE HANDLING OF ANY FIREARM. AT ALL TIMES HANDLE ANY FIREARM WITH INTENSE RESPECT FOR ITS POWER AND POTENTIAL DANGER.

READ AND UNDERSTAND ALL OF THE CAUTIONS AND PROPER HANDLING PROCEDURES OUTLINED IN THIS BOOKLET BEFORE USING YOUR NEW FIREARM.

1 ***ALWAYS KEEP THE MUZZLE OF ANY FIREARM POINTED IN A SAFE DIRECTION.***

Do this even though you are certain it is unloaded. Never point any firearm at anything you do not intend to shoot. Be extremely alert and aware of all persons and property within the range of your ammunition.

2 ***NEVER RELY TOTALLY ON YOUR SHOTGUN'S MECHANICAL "SAFETY" DEVICE.***

Always assume that your gun can be fired at any time, even with all safety mechanisms engaged. The word "safety" describes a gun's mechanical devices that are designed to place your gun in a **SAFER** status. No guarantee can be made that the gun will not fire even if the "safety" is in the "on safe" position. See "Operation of the Safety" later in this manual for instructions on operation of this gun's "safety."

LIKE ANY MECHANICAL DEVICE, A "SAFETY" CAN SOMETIMES FAIL; IT CAN BE JARRED OR INADVERTENTLY MANIPULATED INTO AN UNSAFE CONDITION.

Mechanical "safeties" merely aid safe gun handling and are no excuse for pointing your shotgun's muzzle in an unsafe direction. While it is a good idea to "test" your gun's mechanical "safeties" periodically for proper function, ***NEVER TEST THEM WHILE YOUR FIREARM IS LOADED OR POINTED IN AN UNSAFE DIRECTION.***

Safe gun handling does not stop with your gun's mechanical "safety" devices — it starts there. Always treat this shotgun with the respect due a loaded, ready-to-fire firearm.

NEVER TEST THE MECHANISM OF ANY FIREARM WHILE IT IS LOADED OR POINTED IN AN UNSAFE DIRECTION.

3 ***WHENEVER YOU HANDLE A FIREARM, OR HAND IT TO SOMEONE, MAKE SURE IT IS COMPLETELY UNLOADED.***

Always open the action immediately, and visually check the chamber. Make certain that they do not inadvertently contain any ammunition. Always keep the chamber empty and "safety" in the "on safe" position unless shooting is imminent.

4 ***DO NOT TRANSPORT ANY FIREARM LOADED.***

Keep all firearms unloaded during transport, whether stored in a holster, gun case, scabbard or other container.

5 ***HUNTING FROM ELEVATED SURFACES SUCH AS TREE STANDS IS DANGEROUS.***

Doing so may increase the risk of handling a firearm. The following rules should always be observed by you and those you hunt with: ***Always*** make certain that the stand being used is safe and stable. ***Always*** make certain that your firearm is unloaded when it is being taken up and down from the stand. ***Always*** make certain that your firearm is not dropped from the stand, or dropped while it is being taken up or down from the stand. ***Remember***, a loaded firearm may discharge when dropped, even with the safety in the "on safe" position.

6 ***BEWARE OF BARREL OBSTRUCTIONS.***

Do this for the safety of both your gun and yourself. Mud, snow, and an infinite variety of other objects may inadvertently lodge in a barrel bore. It takes only one small obstruction to cause dangerously increased pressures that can ruin (swell or rupture) the finest shotgun barrels.

BEFORE CHECKING FOR A BARREL OBSTRUCTION, BE CERTAIN YOUR FIREARM IS FULLY UNLOADED.

Make sure no live rounds are in the chambers. Place the safety in the "on safe" position.

After assuring yourself that the firearm is completely unloaded, again, open the breech or action, and look through the barrel(s) to be sure it is clear of any obstruction. If an obstruction is seen, no matter how small it may be, clean the bore with a cleaning rod and patch as described later in this manual. Before the first firing, clean the bore with a cleaning rod and patch, and wipe away any anti-rust compounds in the action/chamber areas.

7 ***ALWAYS COMPLETELY UNLOAD ALL FIREARMS WHEN NOT IN USE.***

As a safety precaution, it is preferable to disassemble your gun for storage. Your responsibilities do not end when your firearm is unattended. Store your firearm and ammunition separately and well beyond the reach of children. Take all safeguards to ensure your shotgun does not become available to untrained, inexperienced or unwelcome hands.

8 ***USE THE PROPER AMMUNITION.***

The barrel and action of all Browning firearms have been made with substantial safety margins over the pressures developed by established American commercial loads. Nevertheless, Browning assumes no liability for incidents which occur through the use of cartridges of nonstandard dimensions which develop pressures in excess of commercially available ammunition which has been loaded in accordance with standards established by the Sporting Arms and Ammunition Manufacturers' Institute (SAAMI).

BE ALERT TO THE SIGNS OF AMMUNITION MALFUNCTION. IF YOU DETECT A OFF SOUND OR LIGHT RECOIL WHEN A CARTRIDGE IS FIRED, DO NOT LOAD ANOTHER CARTRIDGE INTO THE CHAMBER.

Open the action and remove all cartridges from the chamber(s) as well as the action areas and magazine (when applicable). With the action open, glance down the barrel(s) to make sure that a wad or other obstruction does not remain in the barrel. Completely clear the barrel before loading and firing again. Failure to follow these in-

structions can cause extensive damage to your gun and possible serious injury to yourself and others.

MAKE SURE OF ADEQUATE VENTILATION IN THE AREA THAT YOU DISCHARGE A FIREARM. WASH HANDS THOROUGHLY AFTER EXPOSURE TO AMMUNITION OR CLEANING A FIREARM.

Lead exposure can be obtained from discharging firearms in poorly ventilated areas, cleaning firearms or handling ammunition. Lead is a substance that has been known to cause birth defects, reproductive harm and other serious injury.

9 ***NEVER INSERT A SHELL OF THE INCORRECT GAUGE IN ANY SHOTGUN.***

The gauge of your shotgun is marked on the side of the barrel. Store all cartridges of different gauges in completely separate and well-marked containers. Never store shells of mixed gauges in a common container or in your pockets.

EXAMINE EVERY SHELL YOU PUT IN YOUR GUN.

The most certain way to bulge or rupture a barrel is to drop a smaller gauge shell into a larger gauge chamber. Your gun will misfire (with the chamber appearing to be empty). It is then possible to load another shell behind the lodged shell. If the gun is fired, the result can cause extensive damage to your gun and possible serious injury to you and others.

10 ***USE SHELLS OF THE CORRECT LENGTH.***

THE SIZE OF THE CHAMBER IS INSCRIBED, ALONG WITH GAUGE AND CHOKE DESIGNATIONS, ON THE SIDE OF THE BARREL. THE GOLD SEMI-AUTO IS CHAMBERED FOR 3 1/2" 10 GAUGE LOADS.

11 ***DO NOT SNAP THE FIRING PIN ON AN EMPTY CHAMBER — THE CHAMBER MAY NOT BE EMPTY!***

Treat every gun with the respect due a loaded gun, even though you are certain the gun is unloaded.

12 ***KEEP YOUR FINGERS AWAY FROM THE TRIGGER WHILE UNLOADING OR LOADING, UNTIL YOU ARE READY TO SHOOT.***

13 ***BE SURE OF YOUR TARGET AND BACKSTOP.***

Particularly during low light periods. Know the range of your ammunition. Never shoot at water or hard objects.

14 ***ALWAYS UNLOAD THE CHAMBER AND MAGAZINE OF ANY FIREARM BEFORE CROSSING A FENCE, CLIMBING A TREE, JUMPING A DITCH OR NEGOTIATING OTHER OBSTACLES.***

Never lean or place any loaded firearm on or against a fence, tree, car, or other similar object.

15 ***WEAR EYE AND EAR PROTECTION WHEN SHOOTING.***

Unprotected, repeated exposure to gunfire can cause hearing damage. Wear ear protectors (shooting ear plugs or muffs) to guard against such damage. Wear shooting glasses to protect your eyes from flying particles. Allow proper distance (eye relief) between the scope and your eye when firing a scoped rifle or shotgun. Always keep a safe distance between the muzzle of your firearm and any persons nearby, as muzzle blast, debris and ejecting shells could inflict serious injury. Also, wear eye protection when disassembling and cleaning all firearms to prevent the possibility of springs, spring-tensioned parts, solvents or other agents from contacting your eyes.

16 ***DROPPING A LOADED GUN CAN CAUSE AN ACCIDENTAL DISCHARGE.***

This can occur even with the "safety" in the "on safe" position. Be extremely careful while hunting or during any shooting activity, to avoid dropping any firearm.

17 ***IF ANY FIREARM FAILS TO FIRE, KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.***

Hold this position for a minimum of 30 seconds. Carefully open the action and remove the cartridge. If the primer is indented, the cartridge should be disposed of in a way that cannot cause harm. If the primer is not indented, your firearm should be examined by a qualified gunsmith and the cause of the malfunction should be corrected before further use.

18 ***BE DEFENSIVE AND ON GUARD AGAINST UNSAFE GUN HANDLING AROUND YOU AND OTHERS.***

Don't be timid when it comes to gun safety. If you observe other shooters violating any of these safety precautions, politely suggest safer handling practices.

19 ***BE CERTAIN YOUR SHOTGUN IS UNLOADED BEFORE CLEANING.***

Because so many gun accidents occur when a firearm is being cleaned, special and extreme care should be taken to be sure your gun is unloaded before disassembly, cleaning and reassembly. Keep ammunition away from the cleaning location. Never test the mechanical function of any firearm with live ammunition.

20 ***SUPERVISE AND TEACH FIREARMS SAFETY TO ALL MEMBERS OF YOUR FAMILY — ESPECIALLY TO CHILDREN AND NONSHOOTERS.***

Closely supervise newcomers to the shooting sports. Encourage enrollment in hunting/shooting safety courses.

21 ***NEVER DRINK ALCOHOLIC BEVERAGES OR TAKE ANY TYPE OF DRUGS BEFORE OR DURING SHOOTING.***

Your vision and judgment could be dangerously impaired, making your gun handling unsafe to you and to others.

22 ***PERFORM PERIODIC MAINTENANCE. AVOID UNAUTHORIZED SERVICING.***

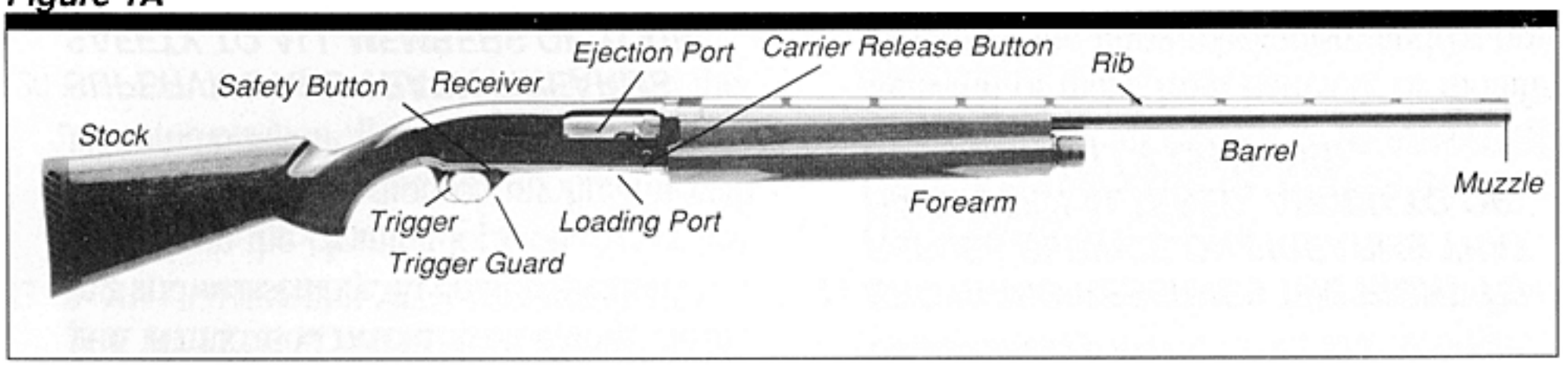
Your new firearm is a mechanical device which will not last forever, and as such, is subject to wear and requires periodic inspection, adjustment, and service. Browning firearms should be serviced by a Browning Recommended Service Center or by Browning's service facility in Arnold, Missouri. Browning cannot assume any responsibility for injuries suffered or caused by unauthorized servicing, alterations or modifications of Browning firearms.

23 ***READ AND HEED ALL WARNINGS*** in this instruction book, on ammunition boxes and with all accessories that you install on your firearm. It is your responsibility to secure the most up-to-date information on the safe handling procedures for your Browning gun. Browning assumes no liability for incidents which occur when unsafe or improper gun accessories or ammunition combinations are used.

24 ***BROWNING RESERVES THE RIGHT TO REFUSE SERVICE ON FIREARMS THAT HAVE BEEN ALTERED, ADDED TO OR SUBSTANTIALLY CHANGED.***

Removal of metal from barrel(s), or modifications of the firing mechanism and/or operating parts may lead to Browning's refusal of service on such firearms. Browning will

Figure 1A



charge the owner for parts and labor to return the firearm to original Browning specifications.

DO NOT, UNDER ANY CIRCUMSTANCES, ALTER THE TRIGGER, SAFETY OR PARTS OF THE FIRING MECHANISM OF THIS OR ANY OTHER FIREARM.

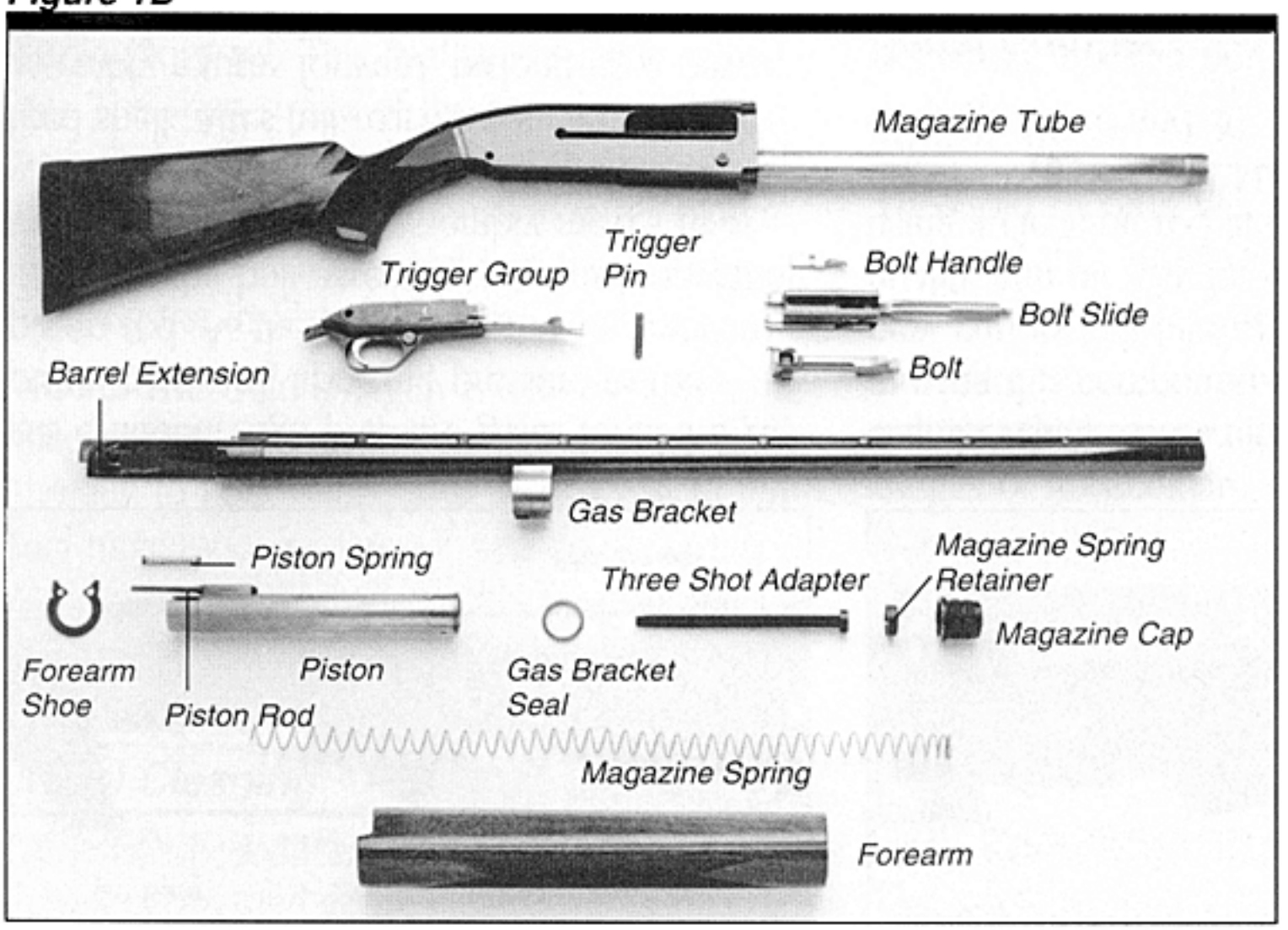
FAILURE TO OBEY THIS WARNING MAY RESULT IN INJURY OR DEATH TO YOURSELF OR OTHERS.

BE CAREFUL!

Nomenclature

In conventional gun terminology, the position and movement of shotgun parts are described as they occur with the shotgun horizontal and in normal firing position; i.e. the muzzle is forward or front; the butt stock is rearward or rear; the trigger is downward or underneath; the sight is upward or on top. For general parts nomenclature (refer to Figure 1-A). The Browning Gold shotgun is shown disassembled to the extent necessary in order to follow instructions contained in this book (See Figure 1-B).

Figure 1B



General Operation

The Browning Gold shotgun is a gas operated, semi-automatic shotgun. It is capable of shooting five shots (with the magazine plug removed) in rapid succession with each pull of the trigger. Upon firing, high pressure gas from behind the shot charge passes through the port in the barrel, through the gas bracket and into the

Figure 2A

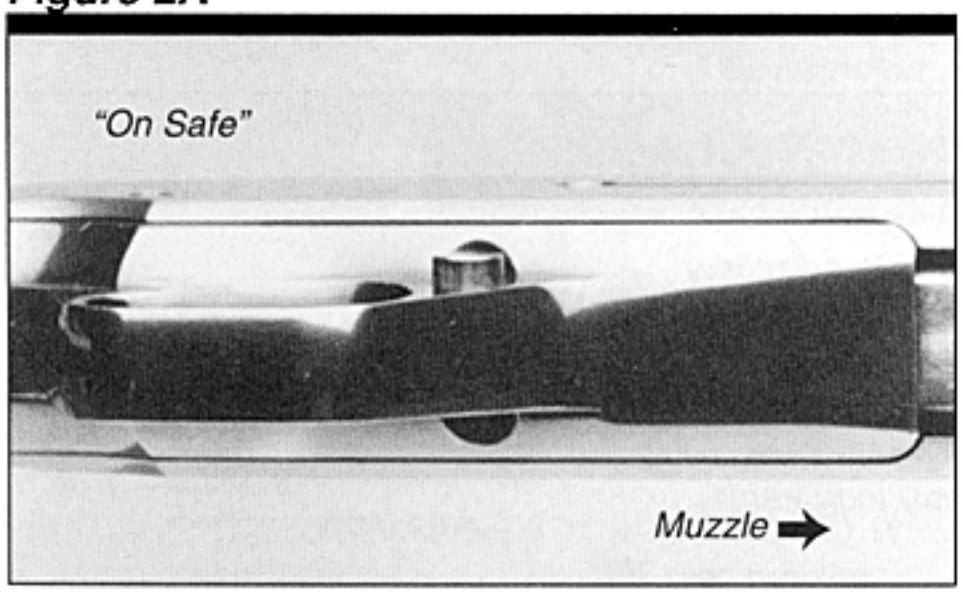
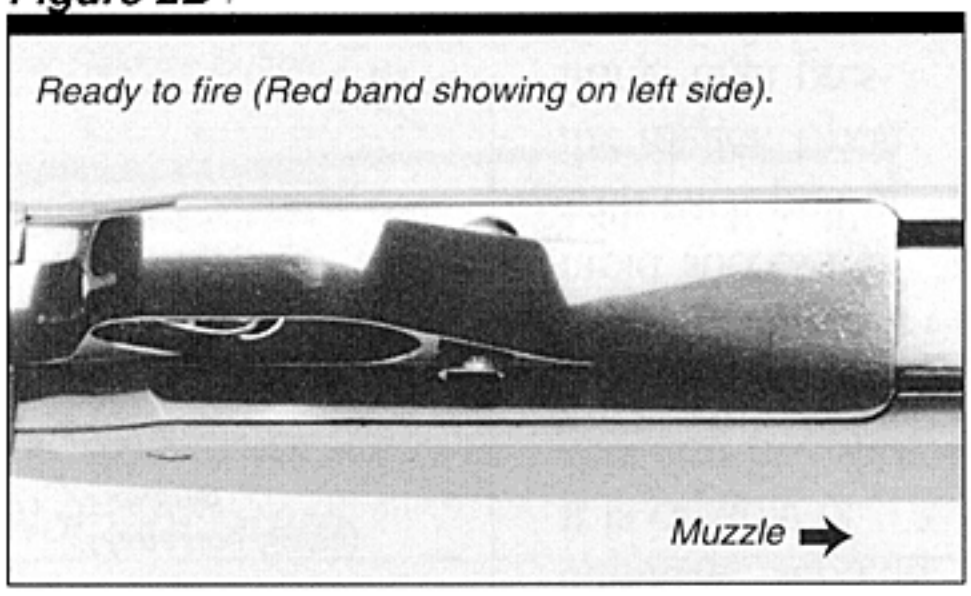


Figure 2B



gas cylinder. High pressure gases force the gas piston rearward, applying pressure to the piston rod. As the piston rod moves rearward, it pushes the bolt assembly rearward, operating the action. As the bolt assembly moves rearward, it recocks the hammer, and ejects the fired shell. After full rearward travel, the bolt assembly returns forward, picking up a new shell from the magazine and chambers it automatically. After the last shell has been fired, the bolt assembly locks to the rear, instead of returning forward. This facilitates speedy reloading. The short-stroke of the gas piston along with the snug, gas sealing fit of the piston rod limits the amount of combustion gases blown out of the gas cylinder and into the receiver, keeping the inside of the receiver clean.

NOTE: The Gold shotgun is delivered with the magazine adapter in the magazine which limits the gun to three shots, in accordance with federal migratory bird laws. If you do not want your gun to be limited, merely take out the three shot adapter as explained on page 14 under "Three Shot Adapter."

Initial Cleaning

Various exposed metal parts of your new gun have been coated at the factory with a rust preventative compound. Before assembling your shotgun, clean the anti-rust compound from the inside of the barrel, receiver and the action-chamber areas. Browning Oil is ideal for removing this compound and for giving your new gun its first lubrication, however, any quality gun oil may be used. Clean the barrel using a cleaning rod and patch as explained under "Cleaning and Maintenance Suggestions" on page 18, 19 and 20.

Serial Number

The serial number of your Gold shotgun is found on the right side of the receiver—just below the ejection port.

Ammunition

The Gold shotgun will shoot all factory lead and steel shot 10 gauge loads. All current factory loads are 3 1/2" in length.

Browning can assume no responsibility for incidents which occur through the use of cartridges of nonstandard dimension or those developing pressures in excess of SAAMI (Sporting Arms and Ammunition Manufacturer's Institute) established standards.

Operation of the Safety

The cross bolt safety prevents the trigger from being pulled when in the "on safe" position. The safety is located at the front of the trigger guard (See Figure 2A). In the "off safe" position a red warning band is visible on the safety button on the left side of the trigger guard. To place the gun "ON SAFE," press the safety but-

Figure 3

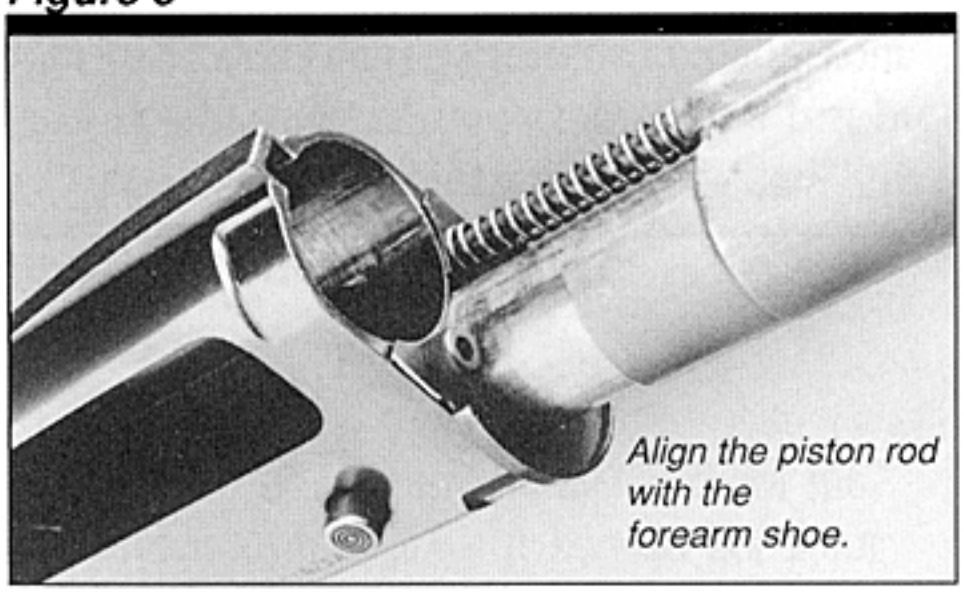
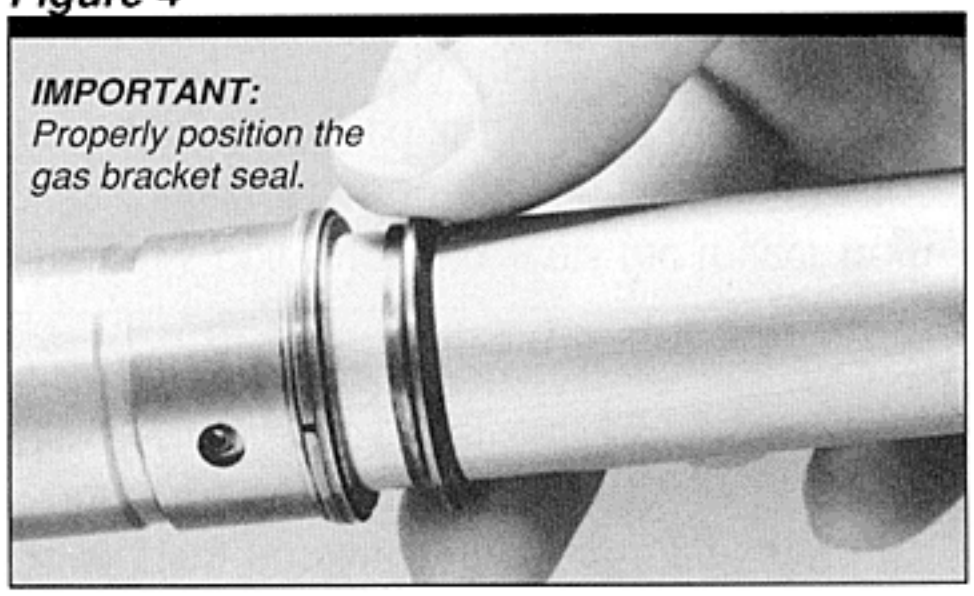


Figure 4



ton to the right. To move the safety to the FIRE position, press the safety to the left (See Figure 2B).

The safety is reversible and can be reversed from right to left-handed by a competent gunsmith. When installed, the left-handed safety will have the safety button's red warning band on the RIGHT side of the trigger guard.

NOTE: Do not depend on the red color alone to indicate your gun's safety status, as time, exposure to the elements, as well as the abrasive action of cleaning agents can erase it.

How to Assemble The Barrel to the Receiver

The Gold shotgun is delivered, in the box, with the barrel removed and the forearm still attached to the magazine tube. It is important to *follow the exact sequence* for assembly in steps 1 and 2, in order to properly assemble your Gold shotgun.

ALWAYS PLACE THE SAFETY IN THE "ON SAFE" POSITION BEFORE ASSEMBLY PROCEDURES AND CHECK YOUR GUN CAREFULLY TO BE CERTAIN THAT THE CHAMBER, FEED MECHANISM AND MAGAZINE CONTAIN NO SHELLS.

1 Take the receiver in hand. First, lock the bolt rearward by pulling the operating handle fully to the rear. Remove the forearm from the magazine tube by unscrewing the magazine cap and sliding the forearm forward, off the magazine tube.

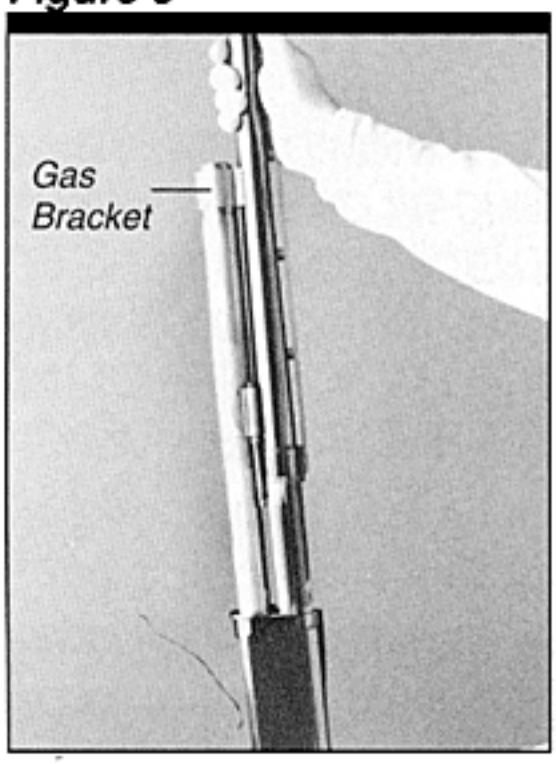
DO NOT SQUEEZE HARD ON THE OPEN REAR END OF THE FOREARM. TOO MUCH PRESSURE COULD CAUSE THE WOOD TO SPLIT.

2 Components of the gas system: the gas piston tube and gas bracket seal will remain in place and do not need to be removed, except for cleaning. If the components of the gas system have been removed, reinstall them as explained below. Otherwise, proceed to step 5.

3 Slide the piston tube onto the magazine tube with the piston rod and piston rod spring end first. Check the piston rod to make sure it is aligned with the hole in the forearm shoe. (See Figure 3)

4 With the piston tube in place, slide the gas bracket seal on the magazine tube.
IMPORTANT: The tapered end of the gas bracket seal must face the gas bracket. The gas bracket seal must be fitted properly in order to effectively seal gases for precise operation of the gas system. (See Figure 4).

Figure 5



5 With the gun in the vertical position, line the gas bracket over the magazine tube (See figure 5). Slide the gas piston tube up to meet the gas bracket so that the piston goes up into the gas bracket. The barrel extension should slip solidly down into the receiver. Make sure the piston tube assembly and piston rod moves freely into the hole on the forearm shoe and receiver.

6 Replace the forearm by sliding it onto the magazine tube and over the gas bracket so it seats securely. Install the magazine cap. Make sure the magazine cap is fully tightened down.

Disassembly of the Barrel From the Receiver

BEFORE STARTING DISASSEMBLY PROCEDURES, VISUALLY INSPECT THE CHAMBER, FEED MECHANISM AND MAGAZINE TO BE ABSOLUTELY CERTAIN THE SHOTGUN IS COMPLETELY UNLOADED. POINT THE BARREL IN A SAFE DIRECTION.

1 Unscrew the magazine cap and remove it.

2 Remove the forearm by sliding it forward off the magazine tube.

3 For cleaning, remove the barrel and piston tube assembly by sliding them forward off of the magazine tube. See "Cleaning and Maintenance Suggestions" on page 18, 19 and 20 for cleaning procedures

If you are disassembling for storage, return the piston tube assembly onto the magazine tube as shown previously in Figure 4. Reinstall the forearm over the magazine tube and screw on the magazine cap. You will then have two compact units: the barrel, and the action with forearm and stock.

CAUTION: AFTER THE BARREL HAS BEEN REMOVED FROM YOUR GUN, LEAVE THE BOLT IN THE OPEN POSITION. DO NOT PRESS THE CARRIER RELEASE BUTTON.

If the bolt is released forward with the barrel removed, the operating handle will be driven against the edge of the ejection port, which will cause damage to the receiver.

Disassembly of the Trigger Group and Bolt Assembly

It is not necessary or recommended that the trigger group or bolt be removed except if the action becomes excessively dirty or wet. If this occurs, disassemble the action for a complete cleaning as explained below. Detailed cleaning procedures are outlined under "Cleaning and Maintenance" on page 18, 19 and 20. Full disassembly involves removal of the bolt assem-

Figure 6

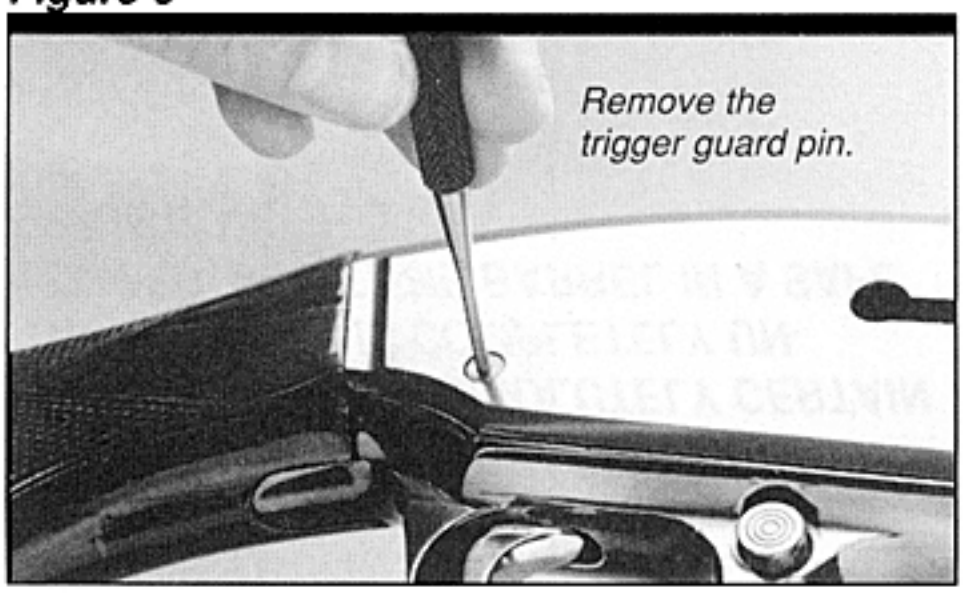
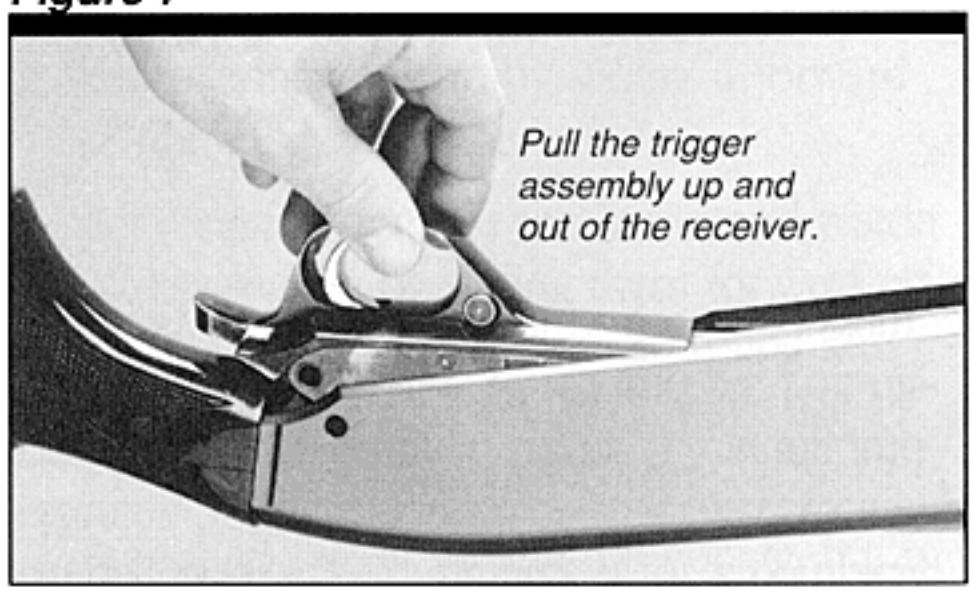


Figure 7



bly and the trigger group. Any disassembly beyond this should only be performed by a competent gunsmith.

ALWAYS WEAR EYE PROTECTION WHEN PERFORMING ANY MAINTENANCE OR DISASSEMBLY.

REMOVING THE TRIGGER GROUP—

1 First, make certain the gun is totally unloaded and the "safety" is "on safe."

CHECK THE MAGAZINE, FEED MECHANISM AND CHAMBER TO BE SURE THEY DO NOT CONTAIN ANY SHELLS.

2 While holding the bolt handle, release the bolt to its forward position by depressing the carrier release button. Again use caution when releasing the bolt assembly to its forward position. If you allow the bolt assembly to slam closed with the barrel removed you can damage the receiver.

3 Push in the trigger guard pin from the right (ejection port) side. Use a drive punch or similar object, using caution not to scratch the receiver. (See Figure 6) Push the trigger guard pin clear through the left side of the receiver.

4 With the gun inverted, (trigger guard up) grasp the trigger guard and pull it up and rearward, out of the receiver. (See Figure 7)

5 Perform any cleaning of the parts and receiver cavity as necessary.

DO NOT DISASSEMBLE THE TRIGGER GROUP BEYOND THIS POINT.

REASSEMBLY—

1 Make sure the bolt is fully forward and engaged in the locked position.

2 Insert the front of the trigger group back into the receiver so that the lugs on each side of the front of the trigger guard fit into the rails in the receiver.

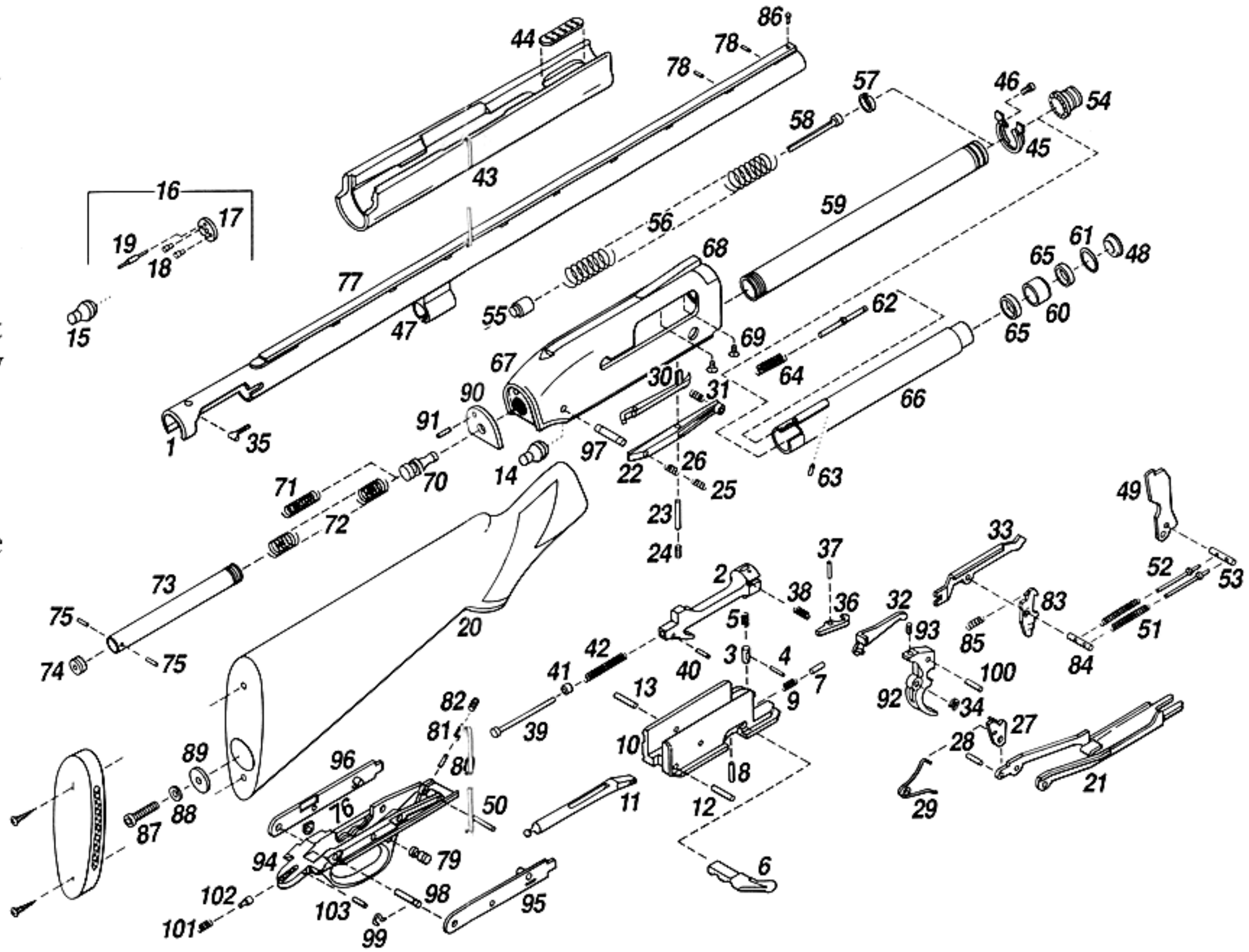
3 Lower the trigger guard until the hole in the trigger group lines up with the holes on each side of the receiver. Reinsert the trigger guard pin and gently tap it into place with a plastic or wooden mallet, again using caution not to scratch the receiver.

Browning Gold semi-auto 10 ga. shotgun

Schematic is provided for parts identification only and should not be used as a guide to assemble guns.

IMPORTANT: When ordering parts, list part number, part name, caliber, model and serial number. **(Do not order parts using key numbers.)**

CAUTION: Browning parts are made exclusively for Browning guns and are not recommended for use in other guns even though models may be similar. Inadequately fitted parts may be dangerous.



Parts List : Browning Gold semi-auto 10 ga. shotgun

When ordering parts please indicate the model name, serial number, stock style, and exterior finish. **Do not order parts using key numbers.**

KEY NO.		PART NO.	DESCRIPTION
01		PO15004	Barrel Extension
02		PO15008	Bolt
	*	PO15010	Bolt Assembly
03		PO15014	Bolt Cut Off
04		PO15016	Bolt Cut Off Retaining Pin
05		PO15020	Bolt Cut Off Spring
06		PO15024	Bolt Handle
07		PO15028	Bolt Handle Retainer
08		PO15032	Bolt Handle Retainer Pin
09		PO15036	Bolt Handle Retainer Spring
10		P015040	Bolt Slide
11		P015044	Bolt Slide Link
12		P015048	Bolt Slide Link Pin
13		P015052	Bolt Unlocking Pin
14		P015055	Buffer Assembly
15		P015058	Buffer
16		P015060	Buffer Plate Assembly
17		P015062	Buffer Plate
18		P015065	Buffer Plate Pin
19		P015068	Buffer Plate Top Pin
20		P015074	Butt Stock
20		P015072	Butt Stock Composite
21	*	PO15080	Carrier
	*	PO15082	Carrier Assembly
22	*	PO15084	Carrier Latch
23	*	PO15088	Carrier Latch Pin
24	*	PO15092	Carrier Latch Pin Retainer Screw
25	*	PO15096	Carrier Latch Spring Inner
26	*	PO15100	Carrier Latch Spring Outer
27		PO15105	Carrier Pawl
28		PO15108	Carrier Pawl Pin
29		PO15116	Carrier Spring
30		PO15122	Cut Off
31		PO15126	Cut Off Spring
32	*	PO15130	Disconnector Assembly
33	*	PO15134	Disconnector Arm
34	*	PO21043	Disconnector Assy. Retainer Gold 10 & BPS
35		PO15150	Ejector
36		PO15155	Extractor
37		PO15159	Extractor Pin
38		PO15164	Extractor Spring
39		PO15170	Firing Pin
40		PO15174	Firing Pin Retaining Pin
41		PO15178	Firing Pin Spacer
42		PO15182	Firing Pin Spring
43		PO15190	Forearm (walnut)
43		PO15188	Forearm Composite
44		PO15195	Forearm Reinforcing Plate
45		PO15199	Forearm Shoe
46		PO15202	Forearm Shoe Set Screw
47		PO15206	Gas Bracket
48	*	PO15210	Gas Bracket Seal
49	*	PO15214	Hammer
50		PO15218	Hammer Pin
51		PO15222	Hammer Spring
52		PO21082	Hammer Spring Guide Gold 10 & BPS
53		PO21086	Hammer Spring Pin Gold 10 & BPS
54		PO15238	Magazine Cap
55		PO15242	Magazine Follower
56		PO15246	Magazine Tube Spring
57		PO21407	Magazine Tube Spring Retainer Gold 10 & BPS
58		PO15255	Magazine 3-shot adapter
59		PO15260	Magazine Tube
60		PO15264	Piston
61		PO15269	Piston Ring
62		PO15274	Piston Rod
63		PO15284	Piston Rod Retainer Pin
64		PO15288	Piston Rod Spring
65		PO15292	Piston Seal
66		PO15298	Piston Tube
67	†*	PO15305	Receiver
67	†*	PO15303	Receiver Stalker
68		PO15310	Receiver Ramp
69		PO15314	Receiver Ramp Set Screw
70		PO15318	Recoil Spring Follower
71		PO15322	Recoil Spring Inner
72		PO15326	Recoil Spring Outer
73		PO15330	Recoil Spring Tube
74		PO15335	Recoil Spring Tube Plug
75		PO25338	Recoil Spring Tube Plug Pin (2)
76		PO15342	Reinforcing Plate
77		PO21201	Rib Gold 10 & BPS 10 & 12 ga.
78		PO21204	Rib Retaining Pin Gold 10 & BPS
79	*	PO15368	Safety R & L
80		PO15372	Safety Plunger
81		PO15376	Safety Spring
82		PO15380	Safety Spring Screw
83	*	PO15386	Sear
84		PO21139	Sear Pin Gold 10 & BPS 10 & 12 ga.
85		PO15394	Sear Spring
86		PO11431	Sight Bead (Front) A-5, Gold 10 & BPS
87		PO15402	Stock Bolt
88		PO21167	Stock Bolt Lock Washer Gold 10 & BPS
89		PO15410	Stock Bolt Washer
90		PO15414	Stock Spacer Plate
91		PO21329	Stock Spacer Plate Pin Gold 10 & BPS
92	*	PO15424	Trigger Gold Plated
92	*	PO15426	Trigger Stalker, Blued
93		PO15428	Trigger Adjusting Screw
94		PO15434	Trigger Guard
94		PO15436	Trigger Guard Stalker
95		PO15439	Trigger Guard Rail (R)
96		PO15443	Trigger Guard Rail (L)
97		PO15450	Trigger Guard Pin
98		PO15454	Trigger Guard Pin Bushing
99		PO15458	Trigger Guard Pin Retainer
100		PO15462	Trigger Pin
101		PO15468	Trigger Spring
102		PO21191	Trigger Spring Follower Gold 10 & BPS
103		PO21193	Trigger Spring Pin Gold 10 & BPS

*Indicates part must be fitted by our shop or a qualified gunsmith.
†Part may be purchased only by holders of current valid Federal Firearms License.

Figure 8

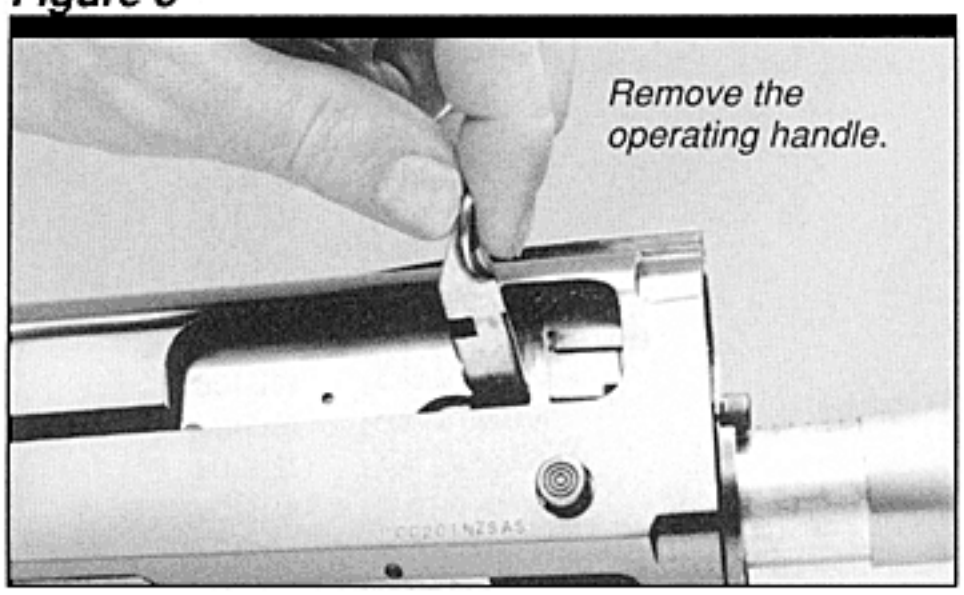


Figure 9

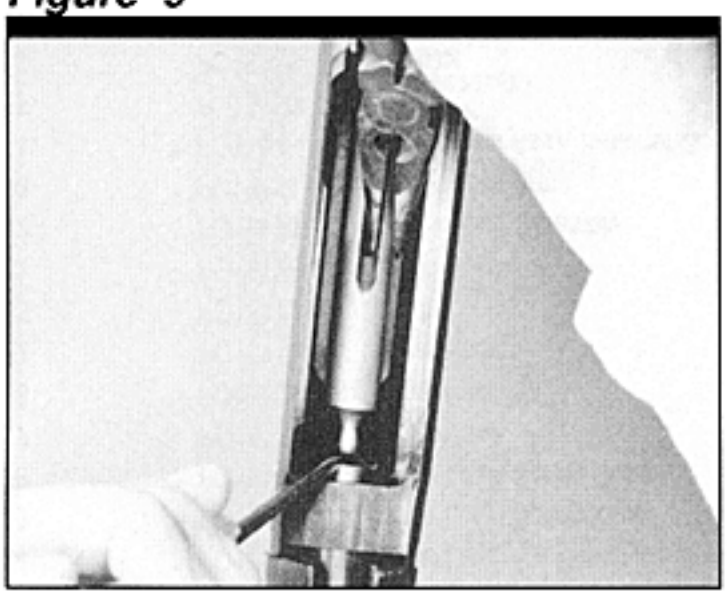


Figure 10

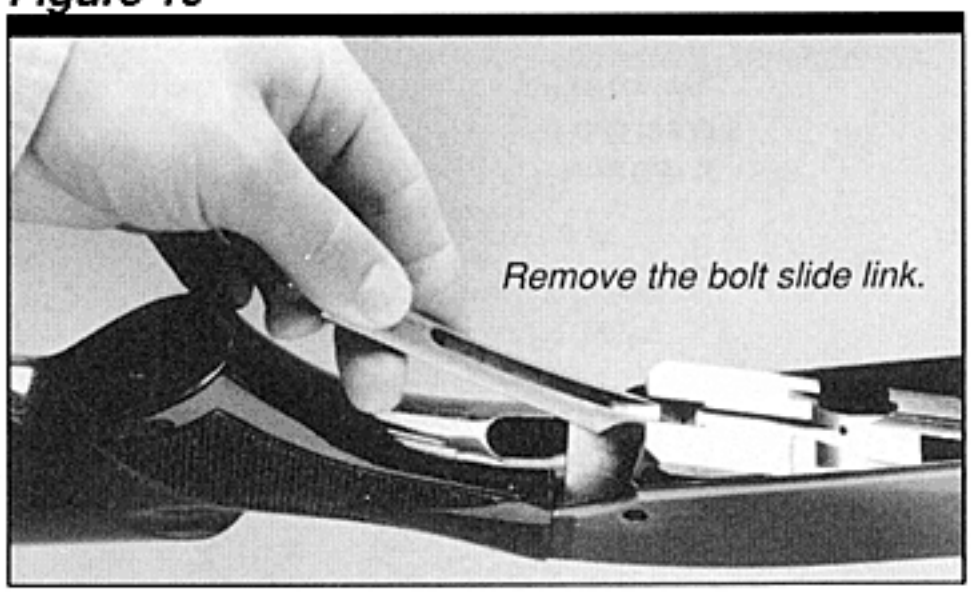
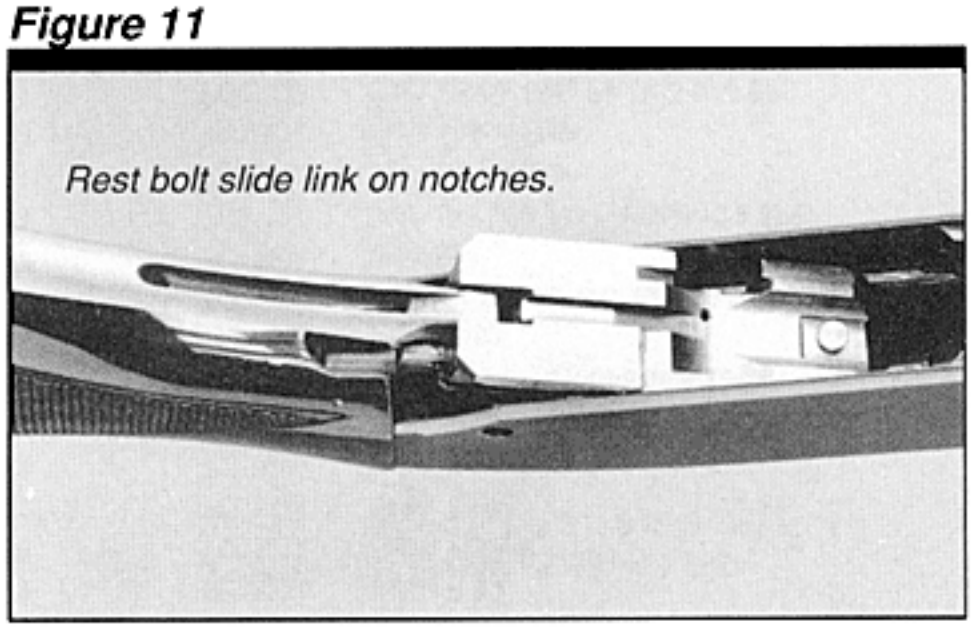


Figure 11



REMOVING THE BOLT ASSEMBLY—

To remove the bolt assembly you must first remove the trigger group, as explained previously.

1 Grasp the operating handle firmly and pull it outward, removing it from the bolt (See Figure 8)

2 With the gun inverted (trigger guard up position), locate where the bolt slide link enters the recoil spring follower. To extract the bolt slide link from the recoil spring follower depress the recoil spring follower with a screw driver, while at the same time holding the bolt slide link forward with long-noise pliers (See Figure 9). The bolt slide link can then easily be pulled out of the recoil spring follower. Using the bolt slide link as a handle, remove the slide assembly by pulling it back and upwards out of the receiver. (See Figure 10).

DO NOT DISASSEMBLE THE BOLT ASSEMBLY BEYOND THIS POINT.

Reinstalling the Bolt Assembly

1 With the gun inverted, place the bolt assembly in the receiver with the rear of the bolt touching the recoil spring follower.

2 Hold the slide assembly in an inclined position (see Figure 11) and insert the assembly so that it rests on the shelf on the inside of the receiver.

3 With a screw driver, reach down in back of the slide assembly and push back on the recoil spring follower so that the rear of the slide assembly will clear the drive spring

Figure 12

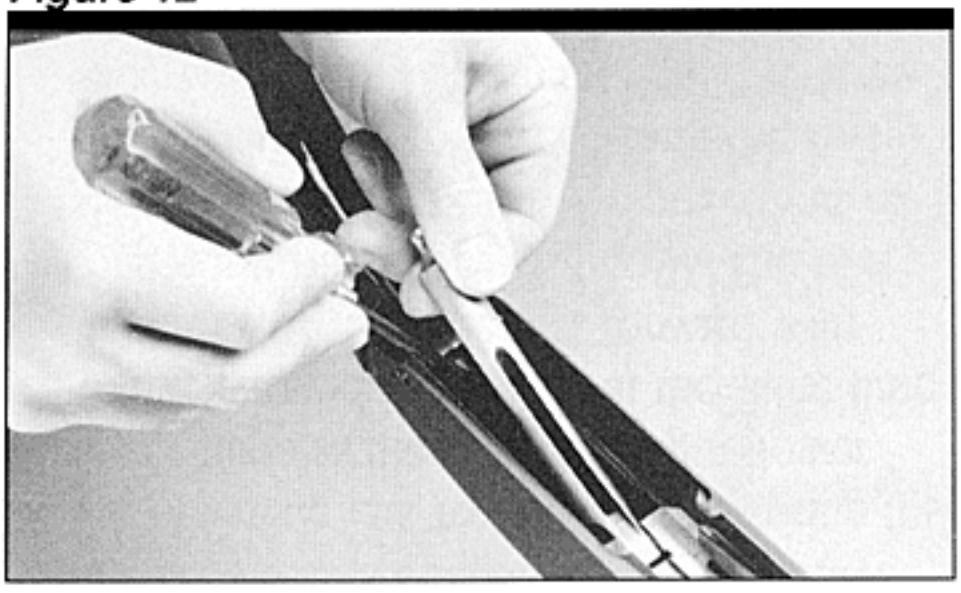
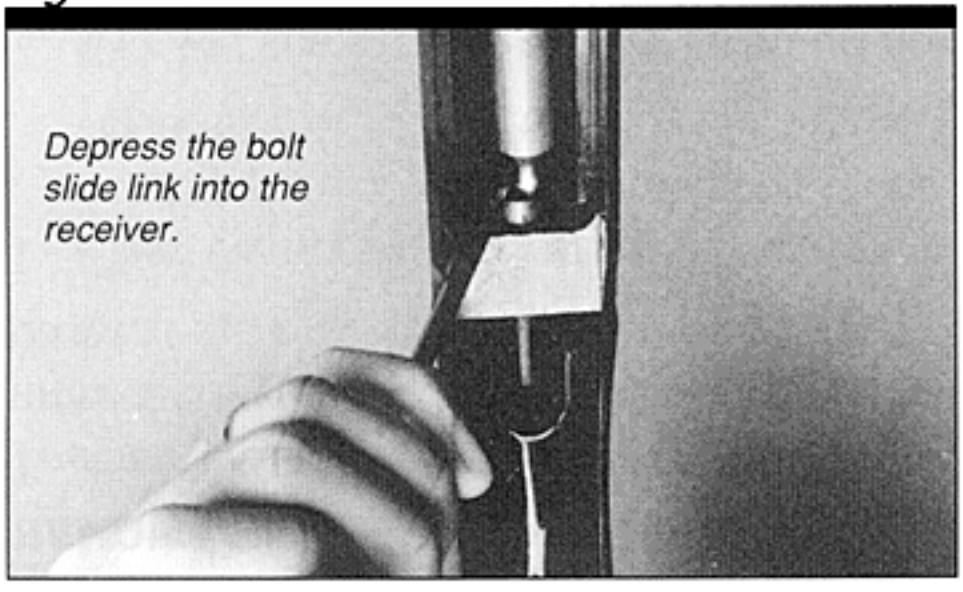


Figure 13



follower. Lower the rear end of the slide assembly. (See Figure 12.)

4 With your fingers, reach down and grasp the bolt head and move it slightly forward until the slide assembly will go down at the rear end.

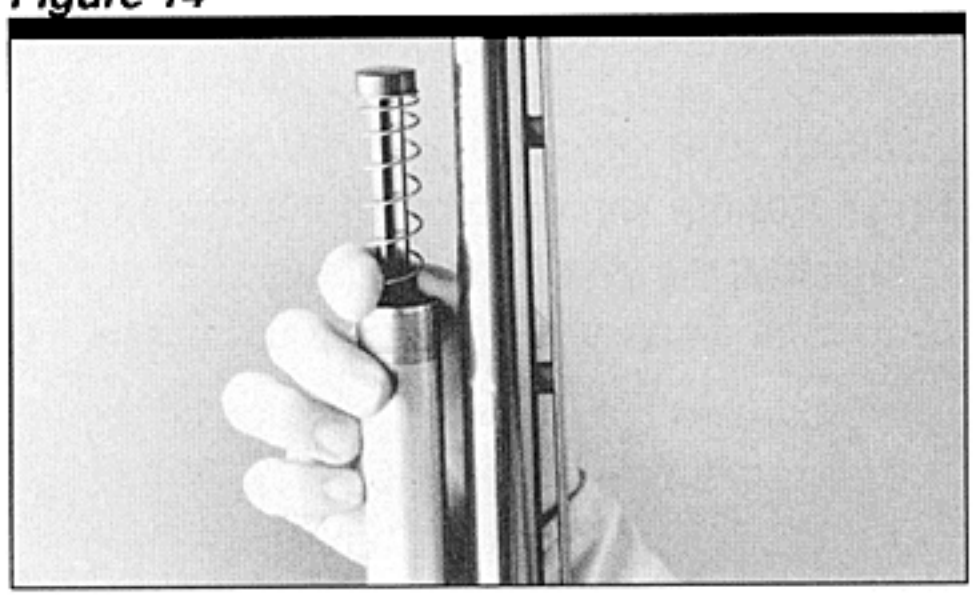
5 Push the bolt and slide assembly fully forward into the locked position. While holding the rear of the link with long nose pliers, push back on the recoil spring follower until the link can be engaged.

6 Position the operating handle back into the bolt through the ejection port, snapping it firmly in place.

Three Shot Adapter/Magazine Capacity

The Gold shotgun is delivered with the magazine three shot adapter (plug) installed in the magazine, limiting magazine capacity to two

Figure 14



shells in compliance with federal migratory bird regulations. If you do not wish to be limited to three shots — when it is not required by law — you can remove (or reinstall) the three shot adapter (plug) as follows:

ALWAYS WEAR PROTECTIVE SAFETY GLASSES DURING THIS OPPERATION.

1 First, make certain the gun is totally unloaded and the "safety" is "on safe."

CHECK THE MAGAZINE, FEED MECHANISM AND CHAMBER TO BE SURE THEY DO NOT CONTAIN ANY SHELLS.

2 Unscrew the magazine cap and remove it.

3 The magazine three-shot adapter lays underneath the magazine spring retainer located in the forward end of the magazine tube. Pry the magazine spring retainer out of the magazine tube. Slowly remove the magazine spring retainer as it is under pressure of the magazine spring. Remove the magazine adapter. (See Figure 14).

4 Depress the magazine spring back into the magazine tube and replace the magazine spring retainer.

5 Reinstall the magazine cap.

If, at some future time, you wish to limit your gun to three shots again, unscrew the magazine cap and remove the magazine spring retainer.

Figure 15

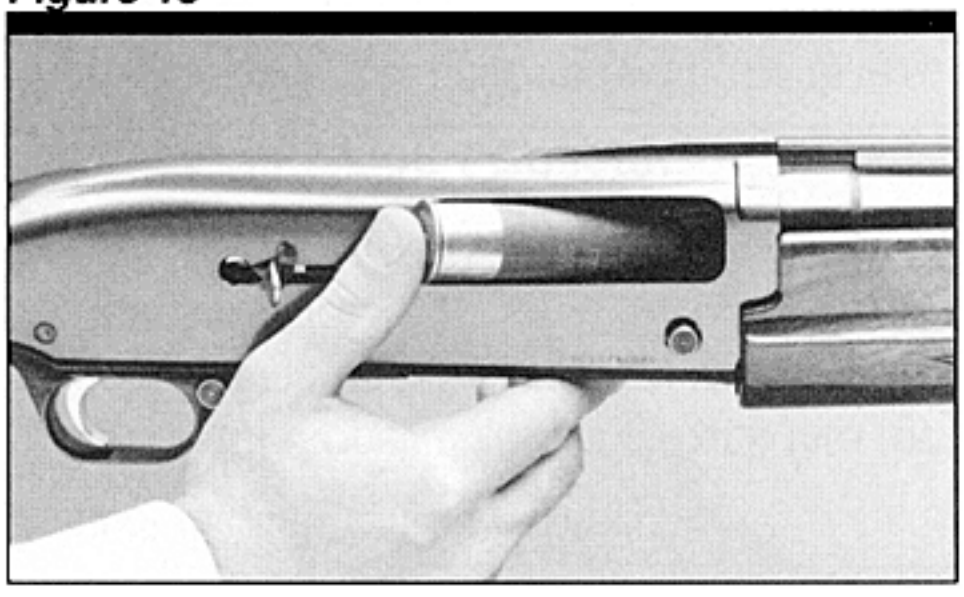
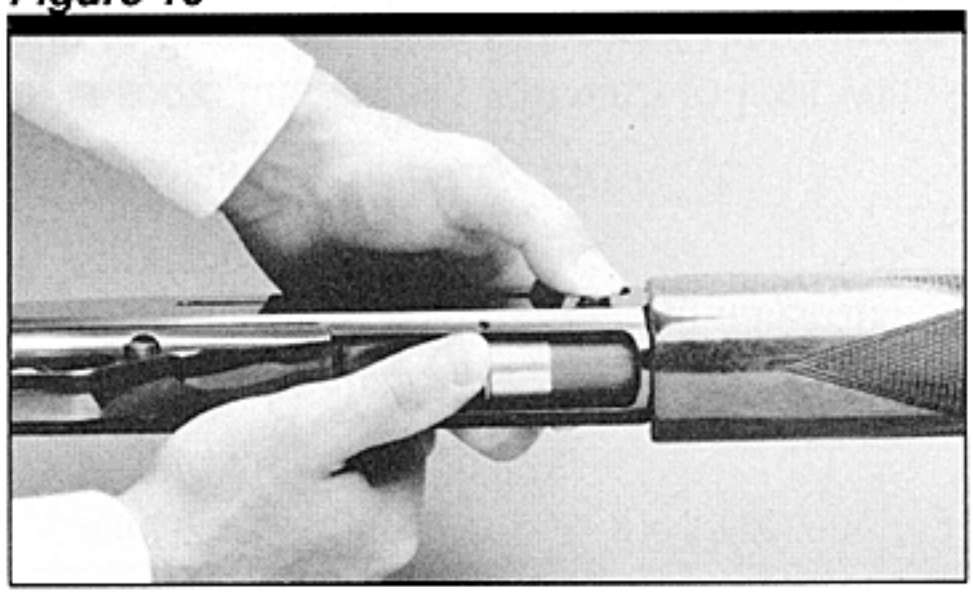


Figure 16



Lightly press the three-shot adapter to force the magazine spring rearward until the base of the three-shot adapter is level with the end of the magazine tube. Replace the magazine spring retainer and magazine cap.

LOADING PROCEDURES

AT ALL TIMES DURING THE LOADING PROCEDURE, BE SURE YOUR MUZZLE IS POINTING IN A SAFE DIRECTION AND THE SAFETY IS IN THE "ON SAFE" POSITION.

There are two methods for getting a loaded shell into the chamber of your Gold shotgun.

LOADING THE CHAMBER THROUGH THE EJECTION PORT —

1 After making sure the safety is "on safe," pull the operating handle to the rear until the bolt locks in the open position.

   VISUALLY INSPECT THE CHAMBER, CARRIER AND MAGAZINE TO MAKE SURE THEY ARE CLEAR OF ANY OBSTRUCTIONS.

2 While pointing the muzzle in a safe direction, insert a cartridge of the proper gauge through the ejection port into the open breech (See to figure 15). Press the carrier release button.

   This will automatically pick up the shell and deliver it to the chamber. The chamber is now loaded.

3 With the chamber loaded, load the magazine to full capacity as explained under "Loading the Magazine."

LOADING THE CHAMBER MANUALLY FROM THE MAGAZINE —

1 ***MAKE SURE THE MUZZLE IS POINTED IN A SAFE DIRECTION AND THE SAFETY IS IN THE "ON SAFE" POSITION.***

2 To load the magazine, follow the instructions under "Loading the Magazine." With the magazine loaded, and the bolt closed, pull back on the operating handle, fully to the rear, and release it, allowing the bolt to close. This will automatically cycle a shell from the magazine to the chamber.

3 To load the magazine to full capacity, thumb another shell into the magazine.

LOADING THE MAGAZINE —

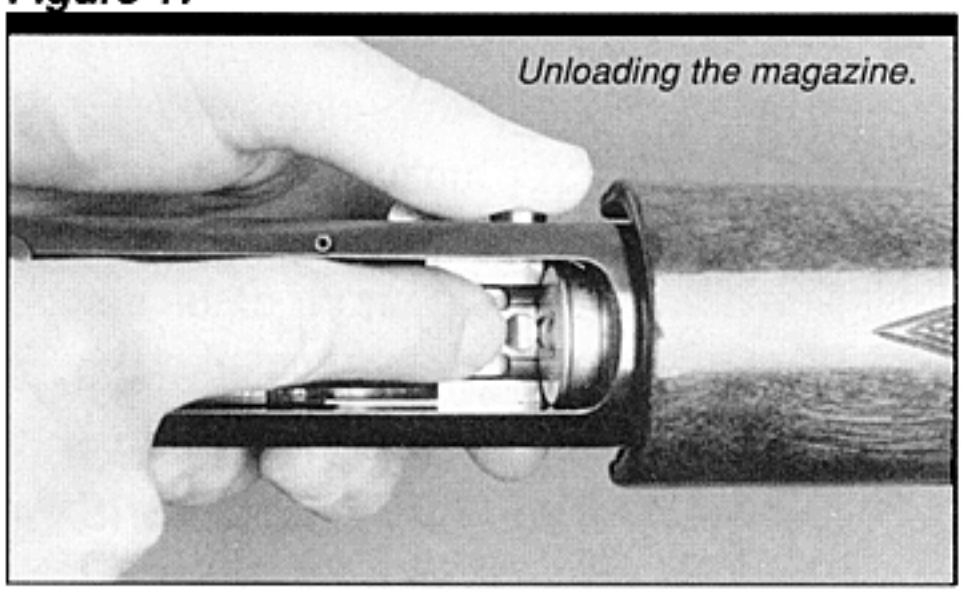
1 Make sure the muzzle is pointed in a safe direction and the safety is in the "on safe" position.

2 Close the bolt by pressing the carrier release button (as explained above).

   KEEP YOUR FINGERS CLEAR OF THE EJECTION PORT.

3 Depress the carrier release button and push on the carrier until it latches in the loading position. When you release the button, the

Figure 17



carrier will remain in the loading position. Insert a shell, of proper gauge, through the loading port at the bottom of the receiver, up into the magazine, using your thumb to position it fully forward in the magazine tube (See Figure 16). Make sure the rim of the shell engages the cut off and is held fully inside the magazine tube. It will make an audible click when fully inserted. Again, when loading the remainder of the shells into the magazine, it isn't necessary to keep the carrier release button depressed.

4 When the magazine has been fully loaded, depress the carrier release button.

CAUTION: WHENEVER A SHELL HAS BEEN CYCLED INTO THE CHAMBER — AUTOMATICALLY OR MANUALLY — THE SHOTGUN IS READY TO FIRE BY SIMPLY MOVING THE SAFETY TO THE OFF SAFE POSITION.

Unloading your Gold shotgun

CAUTION: WHENEVER UNLOADING, ALWAYS BE CERTAIN THAT THE MUZZLE IS POINTED IN A SAFE DIRECTION AND THAT THE SAFETY IS IN THE "ON SAFE" POSITION.

1 The quickest way to unload your Gold shotgun is to grasp the operating handle and cycle the action until all rounds are ejected.

2 The magazine can also be unloaded manually by depressing the carrier release button and reaching inside the loading port with your index finger, simultaneously press in on the bottom of the carrier until it latches in the downward position. Press the cutoff on the bottom of the bolt to release a shell from the magazine (See Figure 17). Release and remove one shell at a time from the magazine, until empty. Remove the shell from the chamber by cycling the action.

ALWAYS INSPECT THE CHAMBER, ACTION, CARRIER AND MAGAZINE VERY CAREFULLY AFTER UNLOADING TO BE SURE ALL LIVE ROUNDS ARE CLEARED FROM THE GUN.

Breech Remains Open After the Last Shot

The breech of the Gold shotgun remains open, with the bolt locked to the rear, after the last shot has been fired. This allows convenient and fast reloading.

1 Place the safety in the "on safe" position.

2 Drop an appropriate shell into the open breech.

3 Close the action by depressing the carrier release button.

4 Load the magazine.

EVEN WITH THE BREECH LOCKED OPEN AFTER SHOOTING, DO NOT ASSUME YOUR SHOTGUN IS UNLOADED. ALWAYS INSPECT THE CHAMBER, CARRIER AND MAGAZINE TUBE TO BE SURE THEY CONTAIN NO CARTRIDGES.

Firing Your Gold shotgun

With the chamber loaded, all that is necessary to fire the gun is to push in on the safety so that the red warning band is visible on the left side of the trigger guard and pull the trigger.

The gas system ejects the fired shell and picks up a new shell from the magazine and chambers it, automatically. This is repeated each time you pull the trigger until the last shell has been fired.

AFTER SHOOTING, IMMEDIATELY PLACE THE "SAFETY" IN THE "ON SAFE" POSITION.

10 GAUGE STANDARD INVECTOR—

Your shotgun's barrel is threaded to accept the Browning Standard Invector Interchangeable Choke System. You may confirm this by glancing on the right side of your barrel where the specifications are inscribed, and where the choke markings are normally located. The word INVECTOR denotes that the barrel is threaded. The degree of choke is indicated twice on each choke tube: Inscribed on the side of the tube, and indicated with a "notch" code on the top rim of the tube. Browning 10 gauge Standard Invector choke tubes are made with tempered steel and are fully compatible with all ***FACTORY AMMUNITION*** (loaded in compliance with SAAMI specifications) including Magnum lead and steel shot loads and rifled slug loads. Browning's universal tube wrench is used to remove and install these tubes.

DO NOT FIRE THIS SHOTGUN WITHOUT HAVING AN INVECTOR CHOKE TUBE INSTALLED. Permanent damage may result to the threads.

DO NOT USE BROWNING INVECTOR CHOKE TUBES IN ANY SHOTGUN BARRELS NOT SUPPLIED BY BROWNING. ALSO, DO NOT USE ANY OTHER CHOKING DEVICE IN ANY SHOTGUN BARRELS SUPPLIED BY BROWNING. USE ONLY CHOKE TUBES MARKED INVECTOR.

CAUTION: WHENEVER HANDLING ANY SHOTGUN FOR THE PURPOSE OF REMOVING OR INSTALLING A CHOKING DEVICE, MAKE ABSOLUTELY CERTAIN THE GUN IS FULLY UNLOADED, AND THE BOLT OR BREECH IS OPEN! NEVER ATTEMPT TO REMOVE OR INSTALL A SHOTGUN CHOKING DEVICE ON A LOADED FIREARM!

TUBE REMOVAL—

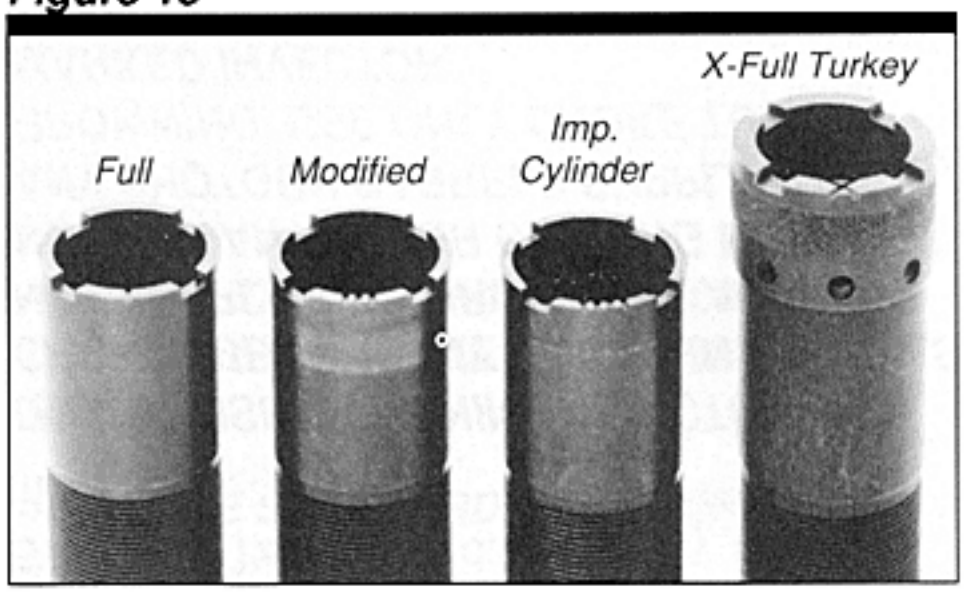
1 ***UNLOAD YOUR GOLD SHOTGUN FULLY. INSPECT THE CHAMBER, FEED MECHANISM AND MAGAZINE TO MAKE SURE THEY DO NOT CONTAIN ANY SHELLS.***
2 Open the action, locking it rearward, and place the "safety" in the "on safe" position.
3 Use the Invector wrench to loosen the tube, turning it counterclockwise. Finger twist the tube the rest of the way out of the barrel.

TUBE INSTALLATION—

1 ***UNLOAD YOUR GOLD SHOGTUN FULLY. INSPECT THE CHAMBER, FEED MECHANISM AND MAGAZINE TO MAKE SURE THEY DO NOT CONTAIN ANY SHELLS.***
2 Open the action and place the "safety" in the "on safe" position.
3 Before installing a tube, check the internal choke tube threads in the muzzle, as well as the threads on the Invector choke tube to be sure they are clean. Lightly oil the threads with an oil like Browning Oil.
4 Using your fingers, screw the appropriate tube into the muzzle end of the barrel, tapered end first, notched end outward. When it becomes finger-tight, use the Invector choke tube wrench to firmly seat the tube.

THE INVECTOR CHOKE TUBE SHOULD BE PERIODICALLY CHECKED TO ASSURE THAT IT IS TIGHT AND FIRMLY SEATED. BEFORE CHECKING, FOLLOW THE SAFETY GUIDELINES OUTLINED ABOVE.

Figure 18



Replacement and additional tubes and wrenches are available from your Browning dealer, or by writing:

Browning Consumer Department
One Browning Place
Morgan, Utah 84050
(801) 876-2711.

Canadian customers please call or write:

Browning Canada Sports Ltd./Ltee
5617 Chemin St-Francois
St-Laurent, Quebec H4S 1W6.
(514) 333-7261.

INVECTOR CHOKE TUBE CODE—

To identify individual Invector tubes, refer to the abbreviated indications on the side of the tube, or use the identification mark(s) located on the top rim of each tube. (See Figure 18).

INVECTOR TUBE SELECTION—

To help you choose the correct choke tube for each hunting situation, all Browning Invector choke tubes are inscribed on the side with the patterns they produce with both lead and steel shot. Each Invector tube also has notches on the top rim of the tube. These notches are a code to allow you to determine the choke designation while the tube is installed. Rim notches refer specifically to lead shot. You will need to use the chart below to cross-reference from lead to steel, and determine the appropriate tubes for your ammunition and hunting/shooting situation.

10 GAUGE INVECTOR

Rim Notches	Pattern With Lead Shot	Pattern With Steel Shot
X	X-Full Turkey	**
I	Full	*
III	Modified	Full
IIII	Imp. Cylinder	Modified

**Not for use with steel shot. Using an over-tight choke constriction with steel shot will result in an ineffective, "blown" pattern.*

***Extra Full Special with knurled rim. Do not use with steel shot.*

GOLD SEMI-AUTO MAGAZINE CAPACITY

Shell Size	With 3-shot Adapter	Without 3-shot Adapter
3 1/2"	2	4

No shell capacities are listed under 10 gauge with 2 3/4" or 3" shells because these shell lengths are not currently available.

CAUTION: DO NOT USE INVECTOR-PLUS CHOKE TUBES IN BARRELS MARKED INVECTOR. FAILURE TO FOLLOW THE ABOVE WARNINGS CAN DAMAGE YOUR GUN AND CAUSE INJURY TO YOURSELF AND OTHERS. BROWNING 10 GAUGE SHOTGUNS ARE ONLY AVAILABLE IN STANDARD INVECTOR.

Use of Extra Barrels

On all Browning Gold semi-auto 10 gauge shotguns, barrels are completely interchangeable and no special fitting is required.

Cleaning and Maintenance Suggestions

You should clean your Gold shotgun whenever it becomes excessively dirty. The barrel should be cleaned and the action wiped clean and oiled after every day of shooting. The gas system should require only occasional cleaning. If a malfunction occurs, perform a thorough cleaning, to see if it solves the problem,

Figure 19

before seeking the services of a Browning Recommended Service Center, the Browning Service Facility in Arnold, Missouri, or a competent gunsmith.

Normal maintenance can be accomplished with the barrel still attached to the receiver (oiling and wiping down). More careful cleaning requires removal of only the barrel from the receiver (cleaning the barrel), and the removal of several gas system components. A complete cleaning requires removal of the bolt and trigger group.

PERIODIC OILING —

Ordinary good judgment will indicate that the metal parts of a gun should receive a light film of oil after the gun has been exposed to weather or handling.

Occasionally a small drop of light gun oil may be placed on the piston rod where it slides into the receiver (See Figure 19). This will help to relieve friction and insure smooth operation.

If the gun has been exposed to a lot of dust, dirt, mud or water, the principal working parts including the gas system, should be wiped clean and lubricated with a light film of oil. Browning Oil is recommended.

DO NOT POUR LARGE QUANTITIES OF OIL INTO THE ACTION. A LARGE EXCESS OF OIL WILL RUN BACK INTO THE WOOD OF THE STOCK AND CAUSE SOFTENING OF THE WOOD, WITH CONSEQUENTIAL LOOSENING OF THE STOCK.

CLEANING THE BARREL —

1 ***BE CERTAIN YOUR SHOTGUN'S MAGAZINE, FEED MECHANISM AND CHAMBER ARE UNLOADED. PLACE THE "SAFETY" IN THE "ON SAFE" POSITION AND LOCK THE BOLT TO THE REAR. ALWAYS WEAR PROTECTIVE SAFETY GLASSES DURING ALL DISASSEMBLY AND CLEANING PROCEDURES.***

2 Remove the barrel so that it can be cleaned from the breech end (See "Disassembly" on page 9).

3 Using a shotgun cleaning rod with tip and patch large enough for a snug fit in the bore, insert the rod and patch in the breech end of the barrel and run back and forth through the bore several times. Remove and wipe the Invector tube, threads and barrel threads with a brass or nylon brush, and lightly oil.

4 Inspect the bore from both ends for leading by looking through the bore toward light. Leading will appear as dull longitudinal streaks and is usually more predominate near the muzzle and just forward of the chamber.

5 A normal amount of leading can be expected with today's high velocity loads and improved wads but this is not serious. If or when leading should become heavy, it can be removed with a brass bore brush. Make sure a choke tube is installed. Spray the bore or the bore brush with a good powder solvent, and scrub the bore until leading is

removed. To prevent brass bristles from breaking off, the brush should be pushed completely through the bore before being withdrawn.

6 After leading has been removed, the bore should be wiped dry with a clean patch, and then a lightly oiled patch run through it for preservation.

7 If the gun has been exposed to much dust, dirt, mud or water, the principal working parts should be wiped clean and lubricated with a light film of oil. Browning Oil is recommended.

8 Reassemble barrel and wipe all exposed metal surfaces with an oiled cloth making sure to wipe gun clean of all finger marks where moisture will accumulate.

9 The barrel and action should be inspected to assure that all cleaning patches have been removed and not inadvertently left in the barrel or action.

10 The wood surfaces can also be wiped with Browning Oil or they can be polished with any quality furniture wax (but not both).

CLEANING THE ACTION AND TRIGGER GROUP —

1 When the action becomes excessively dirty, remove the trigger group and bolt assembly from the receiver as explained under "Full Disassembly" on page 9, 10 and 13. Clean with an oil such as Browning Oil or a gun solvent as necessary, using an old toothbrush to loosen any caked-on grime. Wipe the receiver cavity clean. Lightly oil the cavity (aerosol Browning Oil is ideal) and wipe it dry. No further disassembly is required for cleaning.

2 Reassemble the trigger group, breechblock, gas system and the barrel to the receiver as explained previously. Then wipe all exposed metal surfaces with an oiled cloth, making sure to wipe clean all finger marks where moisture will accumulate.

3 The barrel and action should be inspected to assure that all cleaning patches have been removed and not inadvertently left in the barrel or action.

CLEANING THE GAS SYSTEM—

1 Remove the gas bracket seal and piston tube from the magazine tube. Spray the magazine tube with Browning Oil (or a good quality powder solvent) and wipe clean.

2 Spray the piston tube with a good powder solvent and brush it thoroughly to remove any deposits (an old toothbrush is ideal). Spray the inside of the tube and wipe off any buildup. **NEVER** use a steel brush on any of the gas components

3 Remove the piston rod spring from the piston rod. Wipe the piston rod clean with a good powder solvent. Do the same to the gas bracket seal. When replacing the piston rod spring make sure the double coil end goes on first.

4 Complete the cleaning of the gas system by applying a very light film of Browning Oil to all parts for protection and lubrication.

DO NOT TAKE YOUR GUN'S ACTION APART BEYOND WHAT IS EXPLAINED IN THIS MANUAL. This is a specialized, finely fitted mechanism; and you may mar it for life by an attempt to remove the inner mechanism. It is unnecessary, and may do damage to the inner mechanism, to disassemble it for routine cleaning and oiling. Of course, misfortunes (such as dropping your gun in water) require appropriate attention, and in such circumstances we recommend you immediately take your gun to a competent gunsmith.

Service or Repair

If your firearm should require service or repairs, we suggest you first contact a local recommended Browning Firearms Service Center. Contact your Browning sporting goods dealer or call our Service Department for the address of the Service Center nearest you. Otherwise, you may send your firearm directly to our own Service Department. For technical questions about your firearm or service call our Service Department.

Browning Service Department
3005 Arnold Tenbrook Road
Arnold, Missouri 63010-9406
Phone: 1-800-322-4626

Canadian Customers call or write:

Browning Canada Sports Ltd./Ltee,
5617 Chemin St-Francois
St-Laurent, Quebec H4S 1W6
Phone: (514) 333-7261

When returning your firearm for servicing, you *must* do the following:

a. Be sure it is completely unloaded.
b. Package it securely in a cardboard container.
c. Enclose a letter with your firearm that clearly describes the trouble experienced and the repairs or alterations desired.
d. If convenient, send a copy of the letter to us separately.
e. Never return ammunition with your firearm. It is against postal and most commerce regulations.

If you have any questions about this manual or about any other Browning products, call or write our Consumer Information Department:

Browning Consumer Information
Morgan, Utah 84050
Phone: (801) 876-2711